Philips
LCD monitor

17"
SXGA

170A8FB

Embedded audio for extended convenience

Maximize your display investment: The compact, easy to use 170A8 delivers quality and value added convenience features including built-in speakers while reduced power consumption keeps your total cost of ownership low.

Best total cost of ownership solution
- SmartManage compatibility enables LAN-based asset management
- PerfecTune ensures top quality LCD display delivered to you
- Power consumption below the industry average
- Empowered for Windows Vista

Outstanding front of screen performance
- SmartImage: For an optimized display experience
- SmartContrast: Dynamic,optimized contrast for visual clarity
- 5ms fast response time

Maximum comfort for maximum productivity
- Screen tilts to your ideal, individualized viewing angle

Great convenience
- Hassle-free display performance tuning with SmartControl II
- Built-in speakers for audio without desktop clutter
- Cable management for a tidy work space

PHILIPS
sense and simplicity

LCD monitor
17" SXGA

170A8FB/00

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 17"/ 43 cm
- Effective viewing area: 337.9 x 270.3 mm
- Pixel pitch: 0.264 x 0.264 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 800:1
- SmartContrast ratio (dynamic): 3000:1
- Display colors: 16.7 M
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Optimum Resolution: 1280 x 1024 @ 60 Hz
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Picture enhancement: SmartImage
- sRGB

Connectivity
- Signal Input: VGA (Analog), PC Audio in
- Audio output: Stereo Audio (3.5 mm jack) 1x
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- Built-in Audio: 1.5 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, SmartManage enabled, SmartControl II
- Monitor Controls: SmartImage, Volume control, Auto (Back), Power On/Off, Brightness Control (Up/Down), Menu (OK)
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible, FlexiHolder
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

Accessories
- Included Accessories: AC Power Cord, Audio Cable, VGA cable
- Optional accessories: Super Ergo Base
- User Manual

Dimensions
- Box dimensions (W x H x D): 451 x 391 x 159 mm
- Box dimensions in inch (W x H x D): 17.8 x 15.4 x 6.3 inch
- Set dimensions (W x H x D): 382.25 x 339.9 x 58 mm
- Set dimensions in inch (W x H x D): 15 x 13.38 x 2.3 inch
- Set dimensions with stand (W x H x D): 382.25 x 388.35 x 210.82 mm
- Set dimensions with stand in inch (W x H x D): 15 x 15.3 x 8.3 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 4.77 kg
- Product weight (+stand) (lb): 10.5 lb
- Weight incl. Packaging: 5.84 kg
- Weight incl. Packaging (lb): 12.9

Power
- Complies with: Energy Star
- Consumption (On mode): < 33 W (Typical)
- Consumption (economy mode): 27 W
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

PerfecTune
PerfectTune is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

Lower power consumption
Reduction of the electrical power required to operate a device.

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

SmartImage
SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

SmartContrast
SmartContrast is Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and optimum contrast for more entertainment fun when viewing videos or playing games where dark hues are displayed; when you select the Economy mode, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

5ms on/off response time
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

Adjustable tilt
Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

SmartControl II
SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Built-in speakers
Audio speakers built into a display device.

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